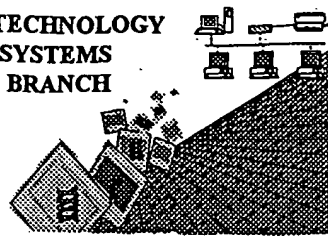


## RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/703,350

Source:

1600

Date Processed by STIC:

3/11/02

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TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002



Does Not Comply  
Corrected Diskette Needed

1600

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/703,350

DATE: 03/11/2002  
TIME: 15:21:06

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Input Set : A:\1071615.app  
Output Set: N:\CRF3\03112002\I703350.raw

3 <110> APPLICANT: GERRITSEN, MARY  
4 MCHRABAN, FAUD  
5 RASTELLI, LUCA  
7 <120> TITLE OF INVENTION: DIFFERENTIALLY EXPRESSED GENES INVOLVED IN  
8 ANGIOGENESIS, THE POLYPEPTIDES THEREBY, AND METHODS OF  
9 USING THE SAME  
11 <130> FILE REFERENCE: 10716/15  
13 <140> CURRENT APPLICATION NUMBER: 09/703,350  
14 <141> CURRENT FILING DATE: 2000-10-31  
16 <150> PRIOR APPLICATION NUMBER: 60/196,802  
17 <151> PRIOR FILING DATE: 2000-04-13  
19 <160> NUMBER OF SEQ ID NOS: 74  
21 <170> SOFTWARE: PatentIn Ver. 2.1  
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24 <211> LENGTH: 1434  
25 <212> TYPE: DNA  
26 <213> ORGANISM: Sclerotinia sclerotiorum  
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29 <221> NAME/KEY: modified\_base  
30 <222> LOCATION: (473)  
31 <223> OTHER INFORMATION: a, t, c, g, other or unknown  
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35 <222> LOCATION: (599)  
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39 <221> NAME/KEY: modified\_base  
40 <222> LOCATION: (1427)  
41 <223> OTHER INFORMATION: a, t, c, g, other or unknown  
43 <400> SEQUENCE: 1

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45 gccgcgcgcg cctcgatggg gtgttgaaaa gtctctcta gagctttgga aggctgaatg 120  
46 cactaaacat gaagagcttg aaagcgaagt tcaggaagag tgacaccaat gagtggaaaca 180  
47 agaattgatga ccggtacttg caggccgttg agaattggaga tgcggagaag gtggcctcac 240  
48 tgctcggcaa gaaggggacc agtgccacca aacacgacag tgagggcaag accgctttcc 300  
49 atcttgctgc tgcaaaagga cacgtggaat gcctcagggt catgattaca catggtgtgg 360  
50 atgtgacagc ccaagatact accggacaca ggccttaca tctcgagcc aagaacagcc 420  
W--> 51 accatgaatg catcaggaag ctgcttcagt ctaaattgcc agccgaaagt gtngacagct 480  
52 ctgggaaaac agctttacat tatgcagcgg ctcagggtcg ctttcaagct gtgcagattc 540  
W--> 53 tctgcgaaca caagagcccc ataaacctca aagatttgga tgggaatata ccgctgctnc 600  
54 ttgctgtaca aaatggtcac agtgagatct gtcactttct cctggatcat ggagcagatg 660  
55 tcaattccag gaacaaaagt ggaagaactg ctctcatgct ggctgtgag attggcagct 720  
56 ctaacgctgt ggaagcctta attaaaaagg gtgcagacct aaaccttgta gattctcttg 780

n is found at position 1426!

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/703,350

DATE: 03/11/2002

TIME: 15:21:06

Input Set : A:\1071615.app

Output Set: N:\CRF3\03112002\I703350.raw

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58 tatcaaaaaat ctctcaggat gctgatttaa agacccaac aaaaccaaag cagcatgacc 900
59 aagtctctaa aataagctca gaaagaagtg gaactccaaa aaaacgcaa gctccaccac 960
60 ctcttatcag tcctacccag ttgagtgatg tctcttcccc aagatcaata acttcgactc 1020
61 cactatcggg aaaggaatcg gtattttttg ctgaaccacc cttcaaggct gagatcagtt 1080
62 ctatacgaga aaacaaagac agactaagtg acagtactac aggtgctgat agcttatttg 1140
63 atataagttc tgaagctgac caacaagatc ttctctctct attgcaagca aaagttgctt 1200
64 cccttacctt acacaataag gagttacaag ataaattaca ggccaaatca cccaaggagg 1260
65 cggaagcaga cctaagcttt gactcatacc attccaccca aactgacttg ggccatccc 1320
66 tggggaaaac ctggtgaaac ctctccccc gactccaaat catctccatc tgtcttaata 1380
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71 <211> LENGTH: 1458
72 <212> TYPE: DNA
73 <213> ORGANISM: Homo sapiens
75 <220> FEATURE:
76 <221> NAME/KEY: modified_base
77 <222> LOCATION: (72)
78 <223> OTHER INFORMATION: a, t, c, g, other or unknown
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83 tgcctataat cagaggaaag ccgatttggt taacagatca attgctcaga tgagagaagc 180
84 caccactttg gcaaattggg tgctagcttc ccttaattct ccagcagcaa ttgaagatgt 240
85 gtctggagac actgtacctc agtctatatt gactaaatcc agatctgtga ttgaacaggg 300
86 aggcattccag actgttgatc agttgattaa agaactgcct gaattactgc aacgaaatag 360
87 agaaatccta gatgagtcac taaggttggt ggatgaagaa gaagcaaccg ataatgattt 420
88 aagagcaaaa ttaaggaac gttggcaaag gacaccatcc aatgaactgt ataagccttt 480
89 aagagcagag ggaaccaact tcagaacagt tttagataaa gctgtgcagg cagatggaca 540
90 agtgaaagaa tgttaccagt ctcatcgtga caccatcgtg cttttgtgta agccagagcc 600
91 tgagctgaat gctgccatcc cttctgctaa tccagcaaag accatgcagg gcagtgaggt 660
92 tgtaaatgtc ttaaaatcct tattgtcaaa tcttgatgaa gtaaagaagg aaagagaggg 720
93 tctggagaat gacttgaatc ctgtgaattt tgacatgaca agcaagtttt tgacagccct 780
94 ggcctcaagat ggtgtgataa atgaagaagc tctttctggt actgaactag atcgagtcta 840
95 tggaggtctt acaactaaag tccaagaatc tctaaagaaa caggagggac ttcttaaaaa 900
96 tattcagggtc tcacatcagg aattttcgaa aatgaaacaa tctaataatg aagctaactt 960
97 aagagaagaa gttttgaaga atttagctac tgcatatgac aactttgttg aacttgtagc 1020
98 taatttgaag gaaggcacia agttttacaa tgagttgact gaaatcctgg tcaggttcca 1080
99 gaacaaatgc agtgatatag tttttgcacg gaagacagaa agagatgaac tcttaaagga 1140
100 cttgcaacaa agcattgcca gagaacctag tgctccttca attcctacac ctgcgtatca 1200
101 gtctcacca gcaggaggac atgcaccaac tctccaact ccagcgccaa gaaccatgcc 1260
102 gcctactaag cccagcccc cagccaggcc tccaccacct gtgcttccag caaatcgagc 1320
103 tccttctgct actgctccat ctccagtggg ggctgggact gctgcgccag ttccatcaac 1380
104 aaacgcctgg ctacgtcctt cctccacagg cgcagggacc accctatccc acctatccag 1440
105 gatatcctgg gtattgcc 1458
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109 <211> LENGTH: 21
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/703,350

DATE: 03/11/2002

TIME: 15:21:06

Input Set : A:\1071615.app

Output Set: N:\CRF3\03112002\I703350.raw

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114 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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128 <400> SEQUENCE: 4
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133 <211> LENGTH: 19
134 <212> TYPE: DNA
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137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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141 cgaatgccgg cctctgcgg 19
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146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
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150 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
152 <400> SEQUENCE: 6
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161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
164 <400> SEQUENCE: 7
165 ccgcagccga cctgtaga 18
168 <210> SEQ ID NO: 8
169 <211> LENGTH: 26
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
176 <400> SEQUENCE: 8
177 tcagctgaag tggttcggtg cctcaa 26
180 <210> SEQ ID NO: 9
181 <211> LENGTH: 21
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/703,350

DATE: 03/11/2002

TIME: 15:21:06

Input Set : A:\1071615.app

Output Set: N:\CRF3\03112002\I703350.raw

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201 ctgcagcttc ccctcgatt                                19
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206 <212> TYPE: DNA
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212 <400> SEQUENCE: 11
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257 <220> FEATURE:
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/703,350

DATE: 03/11/2002

TIME: 15:21:06

Input Set : A:\1071615.app

Output Set: N:\CRF3\03112002\I703350.raw

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289 <211> LENGTH: 21
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
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294 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
296 <400> SEQUENCE: 18
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305 <220> FEATURE:
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309 ggtatgcatg gcatacgtaa gc                                     22
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314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
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324 <210> SEQ ID NO: 21
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327 <213> ORGANISM: Artificial Sequence
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/703,350

DATE: 03/11/2002

TIME: 15:21:07

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Output Set: N:\CRF3\03112002\I703350.raw

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L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2